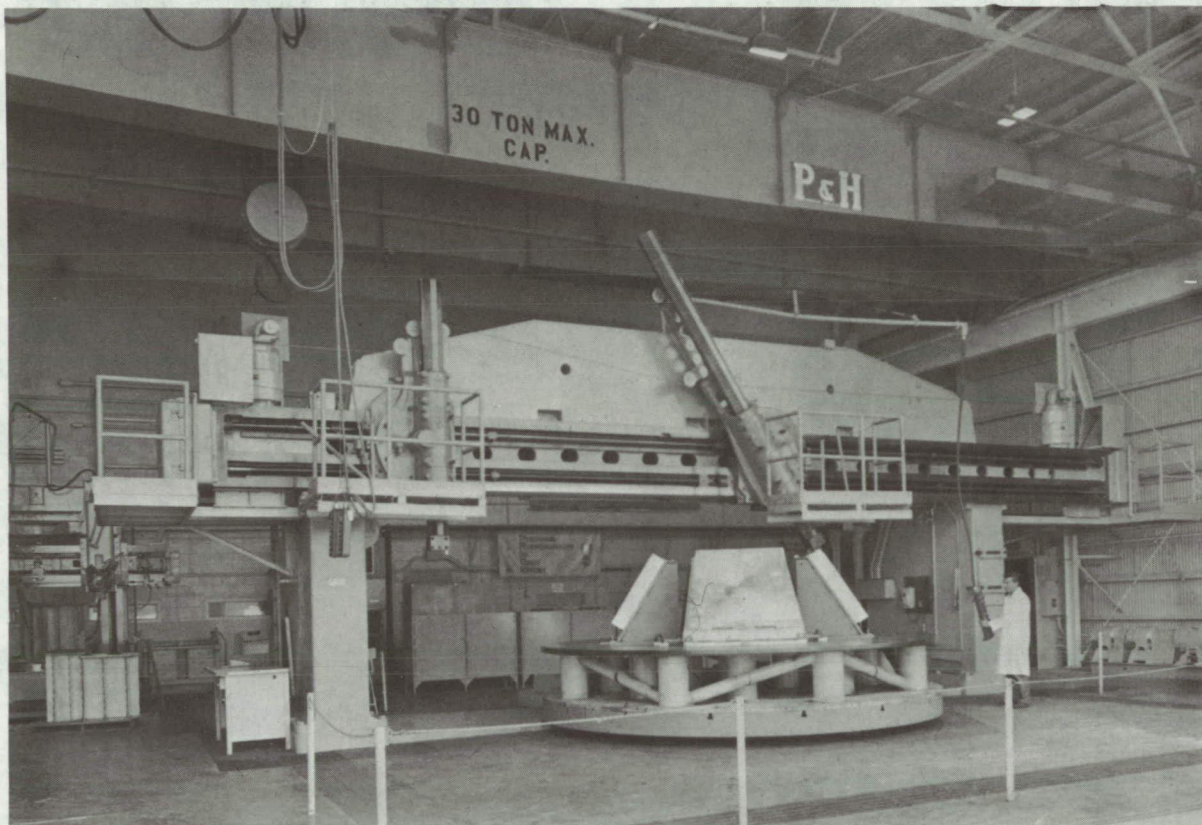


# NASA TECH BRIEF



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## Vertical Boring Mill Capacity Is Increased



A commercially available vertical boring mill with a nominal capacity to 27 feet in diameter of workpiece has been modified in-shop to handle work up to 36 feet in diameter. Close schedule demands did not permit the order, manufacture, and delivery of a new larger machine so that this modification proved a firm requirement.

Capacity was increased by adding extension saddles to the mill support columns on each side. The photo above shows the vertical boring mill in its original configuration and it is shown overleaf after modification.

(continued overleaf)



**Note:**

No additional documentation is available. Inquiries may be directed to:

Technology Utilization Officer  
Marshall Space Flight Center  
Huntsville, Alabama 35812  
Reference: B68-10530

**Patent status:**

No patent action is contemplated by NASA.

Source: Raymond J. Young  
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